



e-FILING REPORT COVER SHEET

COMPANY NAME:

DOES REPORT CONTAIN CONFIDENTIAL INFORMATION? No Yes If yes, submit a redacted public version (or a cover letter) by email. Submit the confidential information as directed in OAR 860-001-0070 or the terms of an applicable protective order.

Select report type: RE (Electric) RG (Gas) RW (Water) RT (Telecommunications)
RO (Other, for example, industry safety information)

Did you previously file a similar report? No Yes, report docket number:

Report is required by: OAR

Statute

Order

Note: A one-time submission required by an order is a compliance filing and not a report (file compliance in the applicable docket)

Other

(For example, federal regulations, or requested by Staff)

Is this report associated with a specific docket/case? No Yes, docket number:

List Key Words for this report. We use these to improve search results.

Send the completed Cover Sheet and the Report in an email addressed to PUC.FilingCenter@puc.oregon.gov

Send confidential information, voluminous reports, or energy utility Results of Operations Reports to PUC Filing Center, PO Box 1088, Salem, OR 97308-1088 or by delivery service to 201 High Street SE Suite 100, Salem, OR 97301.



250 SW Taylor Street
Portland, OR 97204

503-226-4211
nwnatural.com

March 29, 2023

VIA ELECTRONIC FILING

Public Utility Commission of Oregon
Attention: Filing Center
201 High Street SE, Suite 100
Post Office Box 1088
Salem, Oregon 97308-1088

Re: RG 2 - NW Natural's 2022 Smart Energy™ Reconciliation Report

Northwest Natural Gas Company, dba NW Natural ("NW Natural" or "Company"), files herewith its 2022 Smart Energy™ Reconciliation Report for the program year January 1, 2022 through December 31, 2022. The Reconciliation Report has been provided in response to a request from the Portfolio Options Committee, which oversaw and advised the Company's offset program when it was active. The Company will continue to provide the Reconciliation Report in the interest of transparency and support of the Smart Energy™ program.

Please address any correspondence on this matter to me with copies to the following:

eFiling
Rates & Regulatory Affairs
NW Natural
250 SW Taylor Street
Portland, Oregon 97204
Telephone: (503) 610-7330
eFiling@nwnatural.com

Sincerely,

NW Natural

/s/ Rebecca Trujillo

Rebecca Trujillo
Regulatory Consultant
(503) 610-7326

Enclosure

Smart Energy Product Reporting

Demand Reconciliation

For the period of January 1, 2022 – December 31, 2022

Table 1: Participating Customer Billings & Resulting Greenhouse Gas Offsets

Calendar Year	Smart Energy Funds Billed	Therms to be offset	Obligation metric tons
2022	\$4,851,915.37 ¹	46,270,411.69	245,557.56

11.7 pounds per therm based on the recognized standard of U.S. Energy Information Administration
188.43 therms per metric ton

Table 2: Participating Customer Billings & Resulting Greenhouse Gas Offsets and Renewable Natural Gas (RTC²)

Calendar Year	Smart Energy Funds Billed	Therms to be mitigated	Obligation Offsets mt	Obligation RTCs
2022	\$15,313.67 ³	100,443.85	511.74	401.78

Total emissions mitigated: 246,090.62 metric tons CO₂e

¹ Collections, net of uncollectable allowance

² Transacted with Renewable Thermal Certificates

³ Collections, net of uncollectable allowance

Smart Energy Product Reporting

Supply Reconciliation

For the period of January 1, 2022 – December 31, 2022

Table 3: Offset Obligations & Retirements

Calendar	Offset Activity	Metric Tons
Year	Obligations	358,810
2022	Retirements	552,027

Table 4: Renewable Natural Gas Obligations & Retirements

Calendar	RNG Activity	RTC ¹
Year	Obligations	401.78
2022	Retirements	402

¹ Renewable Thermal Certificate

Transaction Confirmation



Date: 01-31-2023

M-RETS Organization: NW Natural

Retiring 402 active RTCs

Account	ID	Project	Fuel Type	Vintage	Location	Quantity	CP Name	CP Tool	CP Carbon Intensity	Serial Number
Smart Energy	66D5CE9B-0AC9	Wasatch Resource Recovery, LLC	Renewable Natural Gas	2020-12-01	UT	402				T3831-Utah-12-2020-1329FEF6-3571-3972

Retirement reason:

Voluntary - Beneficial Ownership

Retirement reason details:

Retired for: N/A

Period: 2022

Quarter: Q4

Notes: On behalf of NW Natural Smart Energy Customers

to this retirement account

Smart Energy Retirement

M-RETS hereby declares this transaction confirmation shall serve as proof that the above transaction was completed on the date listed.

Smart Energy Offset Project Obligations Totals By Project

Project	Authorized		Retired		Balance	
	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
Bettencourt Dairy - B6	131,914	145,408.80	131,914	145,408.80	0	0.00
City of Astoria - Bear Creek	100,000	110,230.00	100,000	110,230.00	0	0.00
Castelanelli Brothers Dairy - Castelanelli	11,295	12,450.48	11,295	12,450.48	0	0.00
Element Markets - Davis LFG	403,920	445,241.02	416,147	458,718.84	12,227	13,477.82
ClimeCo LLC - Everett Composting	42,085	46,390.29	42,763	47,137.65	678	747.36
Great Bear Carbon Credit Corporation - Great Bear Haida Gwaii	137,500	151,566.25	137,500	151,566.25	0	0.00
Great Bear Carbon Credit Corporation - Great Bear North & Central-Mid Coast	137,500	151,566.25	137,500	151,566.25	0	0.00
Revolution Energy Solutions - Lochmead Farms	17,199	18,958.46	17,199	18,958.46	0	0.00
Farm Power - Lynden	20,000	22,046.00	20,000	22,046.00	0	0.00
Farm Power - Misty Meadow	119,134	131,321.41	101,346	111,713.70	(17,788)	(19,607.71)
J.R. Simplot - Moses Lake	126,476	139,414.50	128,320	141,447.14	1,844	2,032.64
J.R. Simplot - Moses Lake 2	155,037	170,897.29	125,037	137,828.29	(30,000)	(33,069.00)
Revolution Energy Solutions - Oak Lea	11,507	12,684.16	11,507	12,684.17	0	0.01
Farm Power - Rexville	71,246	78,534.43	71,246	78,534.47	0	0.04
Farm Power - Rexville 2	9,095	10,025.41	9,095	10,025.42	0	0.01
Roseburg LFG Energy - Roseburg LFG	27,405	30,208.53	27,405	30,208.53	0	0.00
Shaan-Seet, Incorporated - Shaan Seet IFM	80,000	88,184.00	80,000	88,184.00	0	0.00
Farm Power - Tillamook	94,803	104,501.35	75,872	83,633.71	(18,931)	(20,867.64)
TMF Biofuels - TMF Biofuels	15,000	16,534.50	15,000	16,534.50	0	0.00
Mass Energy Works - Van Warmerdam	30,740	33,884.70	30,740	33,884.70	0	0.00
Intrepid Technology Resources - Whitesides Dairy	17,067	18,812.95	17,067	18,812.95	0	0.00
Port Blakely - Winston Creek IFM	150,000	165,345.00	150,000	165,345.00	0	0.00
Total:	1,908,923	2,104,205.78	1,856,953	2,046,919.29	(51,970)	(57,286.49)

Smart Energy Offset Vintage Obligations

Totals By Project and Authorization

Begin Date: 1/1/2022

End Date: 12/31/2022

Element Markets - Davis LFG, Site Location: Layton UT Project Type: LFG

AU-EM-DLG-1.3		Authorized		Retired		Balance	
9/15/2022	Vintage	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
	2021	16,000	17,636.80	18,030	19,874.47	2,030	2,237.67
Total Auth:		16,000	17,636.80	18,030	19,874.47	2,030	2,237.67

AU-EM-DLG-1.4		Authorized		Retired		Balance	
12/9/2022	Vintage	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
	2021	2,595	2,860.47	2,595	2,860.47	0	0.00
Total Auth:		2,595	2,860.47	2,595	2,860.47	0	0.00

Project Total: **18,595** **20,497.27** **20,625** **22,734.94** **2,030** **2,237.67**

ClimeCo LLC - Everett Composting, Site Location: Everett WA Project Type: OWC

AU-CG-EC-1.1		Authorized		Retired		Balance	
9/28/2022	Vintage	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
	2020	20,145	22,205.83	20,145	22,205.83	0	0.00
	2021	21,940	24,184.46	22,618	24,931.82	678	747.36
Total Auth:		42,085	46,390.29	42,763	47,137.65	678	747.36

Project Total: **42,085** **46,390.29** **42,763** **47,137.65** **678** **747.36**

Great Bear Carbon Credit Corporation - Great Bear Haida Gwaii, Site Location: B Project Type: IFM

AU-GB-HG-1.1		Authorized		Retired		Balance	
7/28/2022	Vintage	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
	2017	137,500	151,566.25	137,500	151,566.25	0	0.00
Total Auth:		137,500	151,566.25	137,500	151,566.25	0	0.00

Project Total: **137,500** **151,566.25** **137,500** **151,566.25** **0** **0.00**

Smart Energy Offset Vintage Obligations

Totals By Project and Authorization

Begin Date: 1/1/2022

End Date: 12/31/2022

Great Bear Carbon Credit Corporation - Great Bear North & Central-Mid Coast, S Project Type: IFM

AU-GB-NCC-1.1 7/28/2022	Vintage	Authorized		Retired		Balance	
		Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
	2017	137,500	151,566.25	137,500	151,566.25	0	0.00
Total Auth:		137,500	151,566.25	137,500	151,566.25	0	0.00

Project Total: **137,500** **151,566.25** **137,500** **151,566.25** **0** **0.00**

J.R. Simplot - Moses Lake 2, Site Location: Moses Lake WA Project Type: OWD

AU-JRS-ML-2.4.3 4/29/2022	Vintage	Authorized		Retired		Balance	
		Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
	2021	13,000	14,329.90	13,000	14,329.90	0	0.00
Total Auth:		13,000	14,329.90	13,000	14,329.90	0	0.00

Project Total: **13,000** **14,329.90** **13,000** **14,329.90** **0** **0.00**

Farm Power - Rexville 2, Site Location: Mt. Vernon WA Project Type: Dairy

AU-FP-RX-2.1 2/15/2022	Vintage	Authorized		Retired		Balance	
		Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
	2019	3,041	3,352.09	3,041	3,352.09	0	0.00
	2020	6,054	6,673.32	6,054	6,673.32	0	0.00
Total Auth:		9,095	10,025.41	9,095	10,025.42	0	0.01

Project Total: **9,095** **10,025.41** **9,095** **10,025.42** **0** **0.01**

Smart Energy Offset Vintage Obligations

Totals By Project and Authorization

Begin Date: 1/1/2022

End Date: 12/31/2022

Roseburg LFG Energy - Roseburg LFG, Site Location: Roseburg OR						Project Type: LFG	
DA-RE-RLG-1.1T	Vintage	Authorized		Retired		Balance	
12/9/2022		Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
	2021	(2,595)	(2,860.47)	0	0.00	2,595	2,860.47
Total Auth:		(2,595)	(2,860.47)	0	0.00	2,595	2,860.47

Project Total: (2,595) (2,860.47) 0 0.00 2,595 2,860.47

Farm Power - Tillamook, Site Location: Tillamook OR						Project Type: Dairy	
AU-FP-TK-1.2.3	Vintage	Authorized		Retired		Balance	
10/21/2022		Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
	2019	3,630	4,001.35	3,630	4,001.35	0	0.00
Total Auth:		3,630	4,001.35	3,630	4,001.35	0	0.00

Project Total: 3,630 4,001.35 3,630 4,001.35 0 0.00

Grand Total: 358,810 395,516.25 364,113 401,361.76 5,303 5,845.51

Smart Energy Offset Projects
 Retirement Detail (1/1/2022 - 12/31/2022)

Element Markets - Davis LFG

Site Location: Layton

Project Type: LFG

Estimated Total Project Volume	
Metric Tonnes	Short Tons
400,000	440,920.00

Standard: Climate Action Reserve
 Protocol: 5.0

Registry: Climate Action Reserve
 Crediting Period: Second

Duration: 10 years
 Greenhouse Gas: Methane

Project Authorizations

	Authorized		Retired		Balance	
	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
Buyer: Smart Energy	403,920	445,241.02	416,147	458,718.84	12,227	13,477.82

Project Retirements

Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Metric Tonnes	Short Tons	Retirement Effective Date
2021	1/1/2021	12/31/2021	SCS Global Services	5/31/2022	7/18/2022	116,000	127,866.80	9/23/2022
Serial Number: CAR-1-US-473-4-963-UT-2021-7125-1 to 116000 Registry Listing URL: https://thereserve2.apx.com/mymodule/reg/TabProjectEmissions.asp?r=111&ad=Prt&act=update&type=PRO&aProj=pub&tablename=cr&id=473								
2021	1/1/2021	12/31/2021	SCS Global Services	5/31/2022	7/18/2022	2,030	2,237.67	12/16/2022
Serial Number: CAR-1-US-473-4-963-UT-2021-7125-118596 to 120625 Registry Listing URL:								
2021	1/1/2021	12/31/2021	SCS Global Services	5/31/2022	7/18/2022	2,595	2,860.47	12/16/2022
Serial Number: CAR-1-US-473-4-963-UT-2021-7125-116001 to 118595 Registry Listing URL:								

Estimated Total Project Volume	
Metric Tonnes	Short Tons
200,000	220,460.00

Standard: Climate Action Reserve
 Protocol: 1.1
 Registry: Climate Action Reserve
 Duration: 10 years
 Crediting Period: Second
 Greenhouse Gas: Methane

Project Authorizations	Authorized		Retired		Balance	
	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
Buyer: Smart Energy	42,085	46,390.29	42,763	47,137.65	678	747.36

Project Retirements						
Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Retirement Effective Date
2020	1/1/2020	12/31/2020	Ruby Canyon Engineering	11/16/2021	7/6/2022	9/27/2022
Serial Number: CAR-1-US-825-34-386-WA-2020-7045-1 to 20145 Registry Listing URL: https://thereserve2.apx.com/mymodule/reg/TabProjectEmissions.asp?r=111&ad=Prt&act=update&type=PRO&aProj=pub&tablename=cr&id1=825						
2021	1/1/2021	12/31/2021	Ruby Canyon Engineering	7/27/2022	10/19/2022	12/13/2022
Serial Number: CAR-1-US-825-34-386-WA-2021-7314-1 to 22618 Registry Listing URL:						
				22,618	24,931.82	

Great Bear Carbon Credit Corporation - Great Bear Haida Gwaii **Site Location: BC** **Project Type: IFM**

Estimated Total Project Volume		Standard: BC Carbon Offset Program	Registry: BC Carbon Registry	Duration: 10 years
Metric Tonnes	Short Tons	Protocol: Protocol for the Creation of Forest Carbon Offsets in British Columbia (BC)	Crediting Period: Initial	Greenhouse Gas: CO2
137,500	151,566.25			

Project Authorizations	Authorized		Retired		Balance	
	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
Buyer: Smart Energy	137,500	151,566.25	137,500	151,566.25	0	0.00

Project Retirements						
Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Retirement Effective Date
2017	1/1/2016	12/31/2017	KPMG Performance Registrar Inc.	2/20/2019	7/30/2019	8/9/2022
Serial Number: BCO-BCO-CA-104000000011559-01012017-31122017-8323431-8460930-MER-0-P Registry Listing URL: https://carbonregistry.gov.bc.ca/brr-eg/public/bc/index.jsp?entity=retirement&sort=account_name&dir=ASC&start=0&entity_domain=BC&acronym=&standardId=&category/d=&unitClass=						

Great Bear Carbon Credit Corporation - Great Bear North & Central **Site Location: BC** **Project Type: IFM**

Estimated Total Project Volume		Standard: BC Carbon Offset Program	Registry: BC Carbon Registry	Duration: 25 years
Metric Tonnes	Short Tons	Protocol: Protocol for the Creation of Forest Carbon Offsets in British Columbia (BC)	Crediting Period: Initial	Greenhouse Gas: CO2
137,500	151,566.25			

Project Authorizations	Authorized		Retired		Balance	
	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
Buyer: Smart Energy	137,500	151,566.25	137,500	151,566.25	0	0.00

Project Retirements						
Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Retirement Effective Date
2017	1/1/2017	12/31/2019	KPMG Performance Registrar Inc.	1/22/2021	12/6/2021	8/9/2022
Serial Number: BCO-BCO-CA-104000000012798-01012017-31122017-11999070-12136569-MER-0-P Registry Listing URL: https://carbonregistry.gov.bc.ca/br-eg/public/bc/index.jsp?entity=retirement&standardid=&unitClass=&sort=retirement_date&dir=DESC&name=great%20bear						

Estimated Total Project Volume	
Metric Tonnes	Short Tons
93,100	102,624.13

Standard: Climate Action Reserve
 Protocol: U.S. Livestock Project Protocol, Version 3.0
 Registry: Climate Action Reserve
 Crediting Period: Initial
 Duration: 10 years
 Greenhouse Gas: Methane

Project Authorizations	Authorized		Retired		Balance	
	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
Buyer: Smart Energy	119,134	131,321.41	101,346	111,713.70	(17,788)	(19,607.71)

Project Retirements						
Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Retirement Effective Date
2020	1/1/2020	12/31/2021	Ruby Canyon Engineering	3/24/2021	9/22/2022	10/25/2022
Serial Number: CAR-1-US-996-5-212-OR-2020-7248-1 to 12212 Registry Listing URL:						

Estimated Total Project Volume	
Metric Tonnes	Short Tons
196,000	216,050.80

Standard: Verified Carbon Standard
 Protocol: Markit

Duration: 7 years
 Greenhouse Gas: Methane

Crediting Period: Second

Project Authorizations

	Authorized		Retired		Balance	
	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
Buyer: Smart Energy	155,037	170,897.29	125,037	137,828.29	(30,000)	(33,069.00)

Project Retirements

Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Metric Tonnes	Short Tons	Retirement Effective Date
2021	1/1/2021	12/31/2021	First Environment, Inc.	11/21/2021	3/25/2022	28,000	30,864.40	5/3/2022

Serial Number: 12799-451530646-451558645-VCS-VCU-260-VER-US-13-448-01012021-31122021-0
 Registry Listing URL: <https://registry.veira.org/app/search/VCS?programType=ISSUANCE&exactResId=448>

Estimated Total Project Volume	
Metric Tonnes	Short Tons
100,000	110,230.00

Standard: Climate Action Reserve
 Protocol: Climate Action Reserve Livestock Protocol
 Registry: Climate Action Reserve
 Crediting Period: Second
 Duration: 10 years
 Greenhouse Gas: Methane

Project Authorizations	Authorized		Retired		Balance	
	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
Buyer: Smart Energy	9,095	10,025.41	9,095	10,025.42	0	0.01

Project Retirements						
Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Retirement Effective Date
2019	8/12/2019	12/31/2019	Ruby Canyon Engineering	3/24/2021	11/24/2021	2/15/2022
Serial Number: CAR-1-US-416-5-874-WA-2019-6742-1 to 3041 Registry Listing URL:						
2020	1/1/2020	8/11/2020	Ruby Canyon Engineering	3/24/2021	11/24/2021	2/15/2022
Serial Number: CAR-1-US-416-5-874-WA-2020-6741-1 to 6054 Registry Listing URL:						

Estimated Total Project Volume	
Metric Tonnes	Short Tons
200,000	220,460.00

Standard: Climate Action Reserve
 Protocol: Landfill Project Protocol version 3.0
 Registry: Climate Action Reserve
 Crediting Period: Initial
 Duration: 10 years
 Greenhouse Gas: Methane

Project Authorizations	Authorized		Retired		Balance	
	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
Buyer: Smart Energy	27,405	30,208.53	27,405	30,208.53	0	0.00

Project Retirements						
Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Retirement Effective Date
2021	1/1/2021	12/31/2021	SCS Global Services	8/30/2022	10/19/2022	12/5/2022

Serial Number: CAR-1-US-886-4-670-OR-2021-7349-1 to 12179
 Registry Listing URL:

Shaan-Seet, Incorporated - Shaan Seet IFM		Site Location: Prince of Wales Island		Project Type: IFM	
Standard: American Carbon Registry		Registry: American Carbon Registry		Duration: 20 years	
Protocol: ACR Standard Version 6		Crediting Period: Initial		Greenhouse Gas: CO2	
Estimated Total Project Volume					
Metric Tonnes	Short Tons				
654,347	721,286.70				

	Authorized		Retired		Balance	
	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
Buyer: Smart Energy	80,000	88,184.00	80,000	88,184.00	0	0.00

Project Retirements						
Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Retirement Effective Date
2020	1/10/2020	1/9/2021	S&A Carbon	11/4/2021	1/27/2022	2/23/2022
Serial Number: ACR-US-534-2020-1447-1 to 40000 Registry Listing URL: https://acr2.apx.com/mymodule/reg/TabDocuments.asp?7=111&ad=Prt&act=update&type=PRO&aProj=pub&tablename=doc&id1=534						

Estimated Total Project Volume	
Metric Tonnes	Short Tons
88,400	97,443.32

Standard: Climate Action Reserve
 Protocol: U.S. Livestock Project Protocol, Version 3.0
 Registry: Climate Action Reserve
 Crediting Period: Initial
 Duration: 10 years
 Greenhouse Gas: Methane

Project Authorizations	Authorized		Retired		Balance	
	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons	Metric Tonnes	Short Tons
Buyer: Smart Energy	94,803	104,501.35	75,872	83,633.71	(18,931)	(20,867.64)

Project Retirements						
Vintage	Reporting Start Date	Reporting End Date	Verifier	Verification Start Date	Verification End Date	Retirement Effective Date
2019	1/1/2019	12/31/2019	First Environment, Inc.	3/24/2020	6/1/2020	10/26/2022
Serial Number: CAR-1-US-988-5-212-OR-2019-6085-10084 to 13713 Registry Listing URL:						
2020	1/1/2020	12/31/2020	Ruby Canyon Engineering	3/24/2021	9/16/2022	10/25/2022
Serial Number: CAR-1-US-988-5-212-OR-2020-7206-1 to 8523 Registry Listing URL:						